## CENTRAL INTELLIGENCE AGENCY

## INFORMATION REPORT

This material contains information affecting the Heticaal Debase of the United States within the meaning of the Engineery Laws, 1910–18, W.S.O. Sees. Wand 794, the transmission or newbotton of which is only meaner to an unsufficient pursue is prohibite.

East Germany COUNTRY REPORT 25X1 SUBJECT Technical Air Studies at Dresden DATE DISTR. 5 April 1955 Originating from the Technical Physical Experimental Station, NO. OF PAGES 2 Sonnenstein near Pirna DATE OF INFO. REQUIREMENT NO. 25X1 PLACE ACQUIRE PERSONAL COL

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This is UNEVALUATED Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE BEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVENEE)

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1. The content of the course of lectures being given by Dipl. Ing. Brunolf
Wilhelm Basde to minth term students at Dresden is being issued in written
form
These lecture notes were
prepared according to Basde's instructions and originate from the Technische
Physikalische Versuchsanstalt (Technical Physical Experimental Station)
at Sonnenstein near Pirna, of which Basde is the head.

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- 2. The course of lectures treats of the design of aircraft with particular reference to the use of metal (Metall-Flugseugbau). The main headings of the lecture notes are:
  - 1. Specifications for the aircraft
  - 2. Aircraft design
  - 3. Classification of aircraft according to type
  - 4. Construction of aircraft parts
    - a. Conditions for construction of wings
      Final fixture of wing frame after:
      The stress and strains test of wings
      Nature of the construction of wings
      Construction elements of wings
    - b. Construction of fuselage
    - c. Construction of tail unit
    - d. Steering of aircraft
    - e. Construction of undercarriage
    - f. Power unit fitting and installation

The assembly of power unit installation and the conditions to be observed on entire fitting

The power unit fitting Fuel installation Servicing installation The starting device Lubricating system

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	Cooling system Hydraulic installation				
	Air maintenance unit The armor on power units and conditions for their construction				
	Fire extinguishing and gas neutralizing installations Electrical installations				
	Radio installations Navigational and other aircraft instruments				
	5. Selection of construction materials 6. Constructive views on manufacture				
	7. General questions on corrosion and protection of surface of aircraft 8. The useful life of aircraft and basic questions on endurance				
3.	Hermann Landmann togeth	rofs. Dipl. Ing. Rudolf Muser with two Assistenten ar	nd the ninth term		
	students at Dresden visited Sommenstein near Firna on 6 December 1954.  The purpose of the visit was to allow minth term students to discuss their diploma work with practising engineers. About eight engineers were				
	brought by Baade to the	discussion, but since none	of these had been give	n	
	prior notice of the mee	ting, the discussion was no ested that they had travelle	ot a success. All the ad in the USSR.		
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